

WHAT IS CLAIMED IS:

1. A system for monitoring a CDMA-type mobile terminal device, comprising:

(a) a CDMA base station system connected to said CDMA-type mobile

5 terminal device through CDMA radio signals;

(b) a network connected to said CDMA base station system through wires;
and

(c) a monitoring device which is connected to said network and which
monitors said CDMA-type mobile terminal device, said monitoring device
10 receiving an access from said CDMA-type mobile terminal device through both
said CDMA base station system and said network.

2. The system as set forth in claim 1, wherein when said CDMA base station
system receives a first request to connect thereto from said CDMA-type mobile
15 terminal device, said CDMA base station system checks whether said CDMA-type
mobile terminal device is registered in said CDMA base station system.

3. The system as set forth in claim 2, wherein when said network receives a
second request to connect thereto from said CDMA base station system, said
20 network checks whether said CDMA-type mobile terminal device transmitting
said first request is registered in said network.

4. The system as set forth in claim 3, wherein when said CDMA base station
system confirms that said CDMA-type mobile terminal device is registered in said
25 CDMA base station system and said network confirms that said CDMA-type
mobile terminal device is registered in said network, a radio interface is
established between said CDMA-type mobile terminal device and said CDMA base
station system and a wire interface is established between said CDMA base
station system and said monitoring device.

5. The system as set forth in claim 2, wherein said CDMA-type mobile terminal device transmits a non-ordinary call to said CDMA base station system as said first request.

6. A system for monitoring a CDMA-type mobile terminal device, comprising:
(a) a CDMA base station system;
(b) a CDMA core network connected to said CDMA base station system through wires;

(c) a server which monitors said CDMA base station system connected to said CDMA core network through wires;

(d) a monitoring device connected to said server through wires, said monitoring device monitoring and controlling said CDMA base station system through both said server and said CDMA core network; and

(e) a CDMA-type mobile terminal device connected to said CDMA base station system through radio signals.

7. The system as set forth in claim 6, further comprising a terminal connected to said CDMA-type mobile terminal device for controlling an operation of said monitoring device.

8. A method of monitoring a CDMA-type mobile terminal device in a system including a CDMA base station system connected to said CDMA-type mobile terminal device through CDMA radio signals, a network connected to said CDMA base station system through wires, and a monitoring device which is connected to said network and which monitors said CDMA-type mobile terminal device,

said method comprising the step of receiving an access from said CDMA-type mobile terminal device through both said CDMA base station system and said network, said step being carried out by said monitoring device.

9. The method as set forth in claim 8, further comprising the step of, on receipt of a first request to connect to said CDMA base station system, from said CDMA-type mobile terminal device, checking whether said CDMA-type mobile terminal device is registered in said CDMA base station system, said step being carried out by said CDMA base station system.

10. The method as set forth in claim 9, further comprising the step of on receipt of a second request to connect to said network, from said CDMA base station system, checking whether said CDMA-type mobile terminal device transmitting said first request is registered in said network, said step being carried out by said network.

11. The method as set forth in claim 10, further comprising the step of, when said CDMA base station system confirms that said CDMA-type mobile terminal device is registered in said CDMA base station system and said network confirms that said CDMA-type mobile terminal device is registered in said network, establishing a radio interface between said CDMA-type mobile terminal device and said CDMA base station system and a wire interface between said CDMA base station system and said monitoring device.

12. The method as set forth in claim 9, wherein said CDMA-type mobile terminal device transmits a non-ordinary call to said CDMA base station system as said first request.

13. A method of monitoring a CDMA-type mobile terminal device in a system including a CDMA base station system connected to said CDMA-type mobile terminal device through CDMA radio signals, a network connected to said CDMA base station system through wires, a server connected to said network, and a

monitoring device which is connected to said server and which monitors said CDMA-type mobile terminal device,

said method comprising the steps of:

(a) transmitting a first request to connect to said CDMA base station system,

5 said step (a) being carried out by said CDMA-type mobile terminal device;

(b) checking whether said CDMA-type mobile terminal device is in advance registered in said CDMA base station system, said step (b) being carried out by said CDMA base station system;

(c) transmitting a second request to connect to said network, said step (c) 10 being carried out by said CDMA base station system;

(d) checking whether said CDMA-type mobile terminal device is in advance registered in said network, said step (d) being carried out by said network;

(e) establishing a radio interface between said CDMA base station system and said CDMA-type mobile terminal device, said step (e) being carried out by 15 said CDMA base station system;

(f) establishing a wire interface between said CDMA base station system and said server, said step (f) being carried out by said CDMA base station system; and

(g) connecting said CDMA-type mobile terminal device to said monitoring device, said step (g) being carried out by said server.

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14. A method of monitoring a CDMA-type mobile terminal device in a system including a CDMA base station system connected to said CDMA-type mobile terminal device through CDMA radio signals, a network connected to said CDMA base station system through wires, a server connected to said network, and a 25 monitoring device which is connected to said server and which monitors said CDMA-type mobile terminal device,

said method comprising the steps of:

(a) transmitting a first request to connect to said CDMA-type mobile terminal device as a trial, said step (a) being carried out by said server;

(b) transmitting a second request to connect to said CDMA base station system, said step (b) being carried out by said CDMA-type mobile terminal device;

(c) checking whether said CDMA-type mobile terminal device is in advance registered in said CDMA base station system, said step (c) being carried out by
5 said CDMA base station system;

(d) transmitting a third request to connect to said network, said step (d) being carried out by said CDMA base station system;

(e) checking whether said CDMA-type mobile terminal device is in advance registered in said network, said step (e) being carried out by said network;

10 (f) establishing a radio interface between said CDMA base station system and said CDMA-type mobile terminal device, said step (f) being carried out by said CDMA base station system;

(g) establishing a wire interface between said CDMA base station system and said server, said step (g) being carried out by said CDMA base station system; and

15 (h) connecting said CDMA-type mobile terminal device to said monitoring device, said step (h) being carried out by said server.